

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-187747

(43)Date of publication of application : 05.07.2002

(51)Int.Cl.

C04B 7/28

(21)Application number : 2000-381597

(71)Applicant : TAIHEIYO CEMENT CORP
DAIICHI CEMENT CO LTD

(22)Date of filing : 15.12.2000

(72)Inventor : SUGAYA HIDEYUKI
HONMA KENICHI
ICHIKAWA MAKIHICO
KOIBUCHI KIYOSHI
YAMAGUCHI HIROYUKI

(54) CEMENT CLINKER AND CEMENT COMPOSITION

(57)Abstract:

PROBLEM TO BE SOLVED: To provide cement clinker which enables improvement in reduction rate of cement compressive strength and increase in blending ratio of waste in a clinker raw material blend, and also to provide a cement composition.

SOLUTION: This cement clinker is obtained by firing a raw material blend containing phosphorous-containing waste (such as sewage sludge and municipal solid waste incineration ash) and has a 0.3–5.0 mass% P₂O₅ content, a hydraulic modulus(HM) of 2.16–2.40 and a silica modulus(SM) of 1.3–2.4 (excluding 2.4). This cement composition is produced by grinding the cement clinker and gypsum and has a 1.5–3.0 mass% total SO₃ content.

LEGAL STATUS

[Date of request for examination] 13.06.2005

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]